

Analytical Report

| | |
|----------------------------|---------------------------------|
| Sample ID | 1847 - Analysis Service - A0675 |
| Expected | Estradiol Valerate Oil Solution |
| Sample adulterated/impure? | No |
| Sample Appearance | |
| Sample type | Service - |
| Date of sample receipt | 06-Nov-2024 |
| Date of analysis | 14-Nov-2024 |
| Date of Report | 15-Nov-2024 |

Qualitative and Quantitative Results

| Substances identified | Harm Reduction information | Chemical Class | Pubchem ID | analytical techniques used |
|-----------------------|---|----------------|------------|----------------------------|
| Estradiol Valerate | https://psychonautwiki.org/wiki/Estradiol | Hormone | N/A | LCMS |

Comment: *The client has requested a full quantitative+qualitative service but did not send enough sample to do a quantitative analysis. Therefore only a qualitative analysis was performed. Attempt was made to contact the client to request more material but the client did not reply yet.*

** uncertainty of measurement +/- 5 %
Unless stated otherwise elsewhere*

***The Analysis Report is not a warranty or advertisement for the quality of any supplier or product!
We do not claim nor make any guarantees or recommendations regarding the safety of the analysed samples for human consumption.***

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Detailed information regarding our workflow including a full description of the analytical methods applied

is freely available under <https://www.kykeonanalytics.com/services/users/>

Attachments: -
-
-

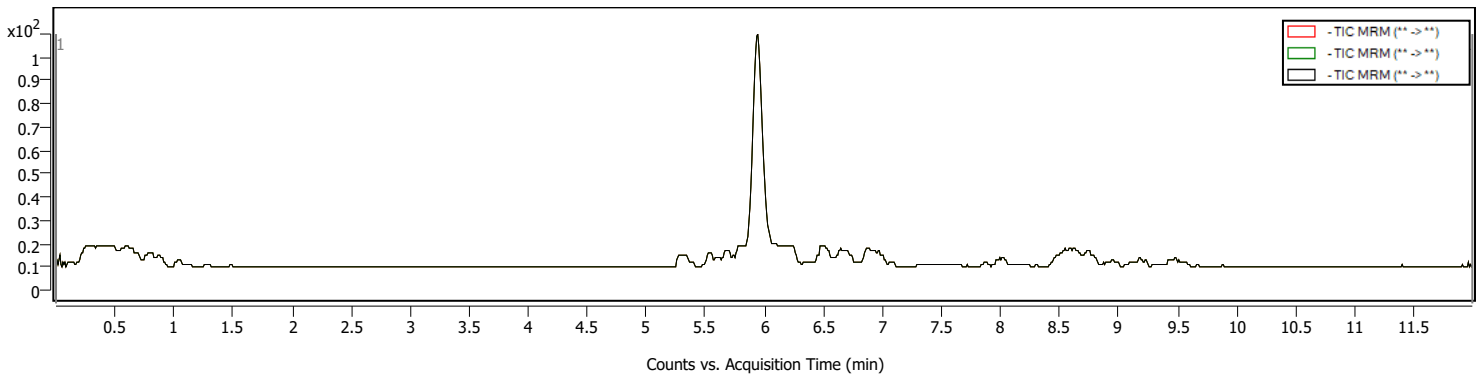
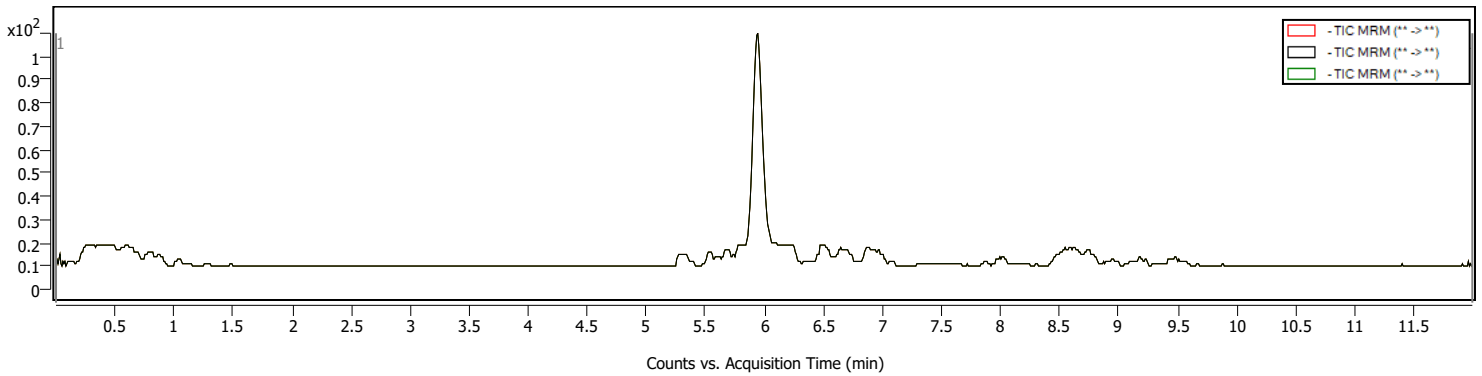
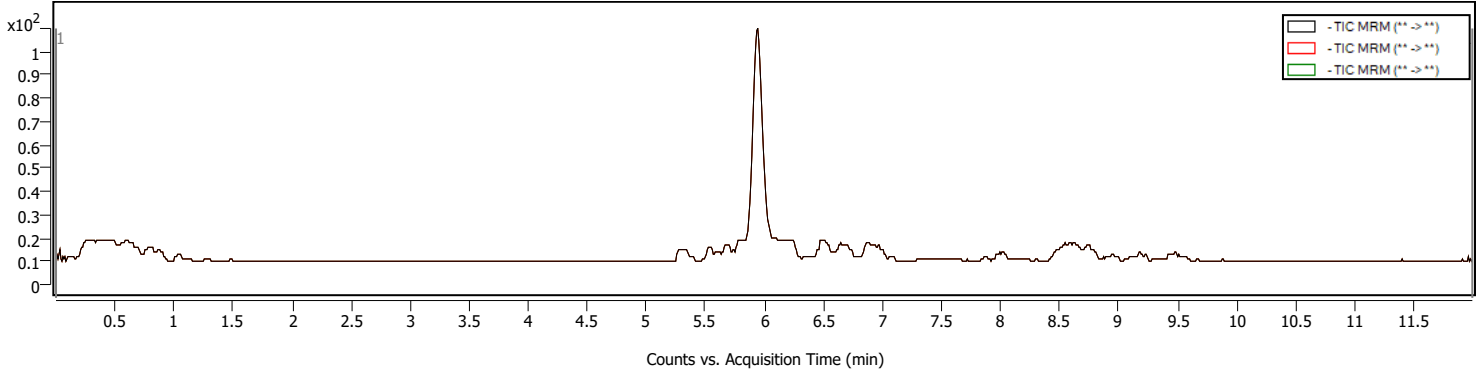
Qualitative Analysis Report



Sample Information

| | | | |
|-----------------------|--|--------------------------|--|
| Name | 1847_estradiol_valerate_oil_soluti on | Data File Path | D:\kykeon\Data\2024\11-13\1847_estradiol_valerate_oil_solution_MRM.d |
| Sample ID | | Acq. Time (Local) | 11/13/2024 7:05:33 PM (UTC+01:00) |
| Instrument | Instrument 1 | Method Path (Acq) | D:\kykeon\methods\substances\estradiol.m |
| MS Type | QQQ | Version (Acq SW) | Ultivo LC/TQ C.01.00 (B1677.1 SR1) |
| Inj. Vol. (ul) | 1 | IRM Status | |
| Position | P2-E6 | Method Path (DA) | D:\kykeon\methods\ReportWorkflowMethod-MRM.m |
| Operator | | Result Summary | 9 qualified (9 targets) |

Sample Chromatograms



Compound Summary

| Cpd | Name | Formula | Mass | RT | Area | m/z | Algorithm |
|-----|--|---------|------|--------------|------|-------|-----------|
| 1 | Estradiol-undecylate | | | Not Detected | - | - | MRM |
| 2 | Estradiol-Enanthate-17b(acetonitrile_adduct) | | | Not Detected | - | - | MRM |
| 3 | Estradiol-cyprionate-17b | | | Not Detected | - | - | MRM |
| 4 | Estradiol-enanthate-17b | | | Not Detected | - | - | MRM |
| 5 | Estradiol-benzoate | | | Not Detected | - | - | MRM |
| 6 | Estradiol-valerate | | | 5.948 | 270 | 355.0 | MRM |
| 7 | Estradiol-17-propionate | | | Not Detected | - | - | MRM |
| 8 | Estradiol-acetate-17b | | | Not Detected | - | - | MRM |
| 9 | 17B-Estradiol | | | Not Detected | - | - | MRM |

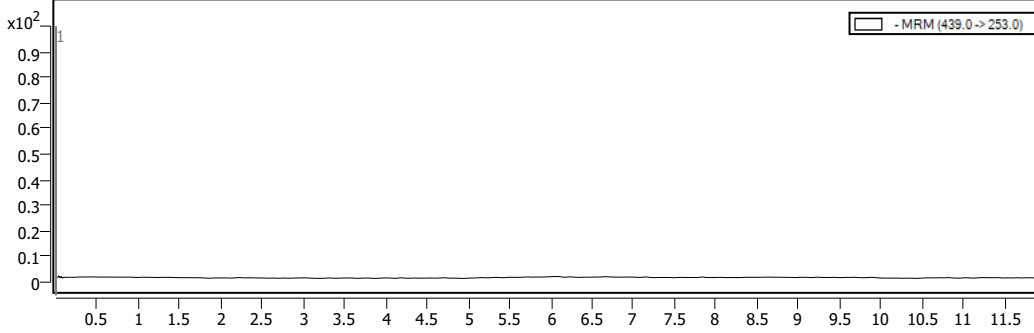
Qualitative Analysis Report

Compound Details

Cpd. 1: Estradiol-undecylate

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|----------------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-undecylate | | | Not Detected | - | 439.0 | 253.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)

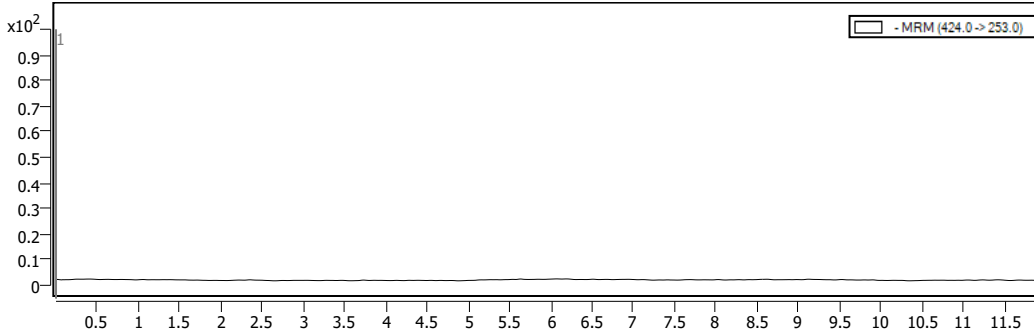


Structure

Cpd. 2: Estradiol-Enanthate-17b(acetonitrile_adduct)

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|--|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-Enanthate-17b(acetonitrile_adduct) | | | Not Detected | - | 424.0 | 253.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)

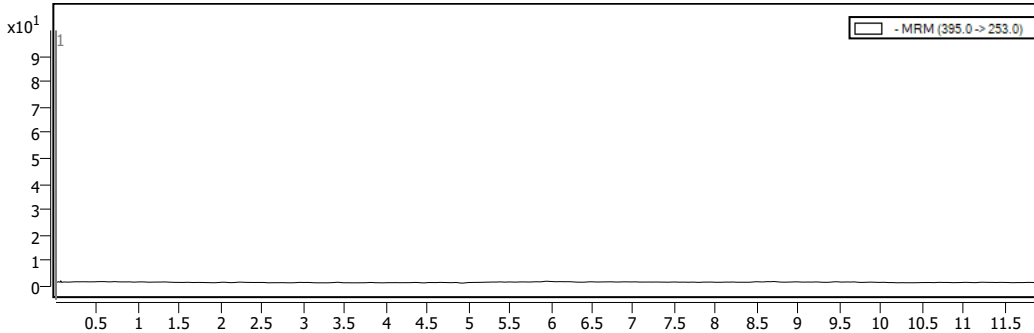


Structure

Cpd. 3: Estradiol-cyprionate-17b

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|--------------------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-cyprionate-17b | | | Not Detected | - | 395.0 | 253.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)



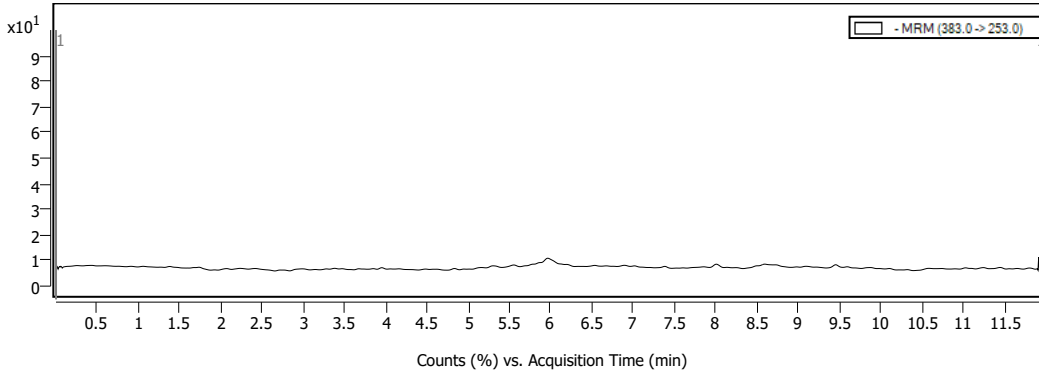
Structure

Cpd. 4: Estradiol-enantate-17b

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|------------------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-enantate-17b | | | Not Detected | - | 383.0 | 253.0 | 10.00 | | MRM |

Qualitative Analysis Report

Compound Chromatograms (overlaid)

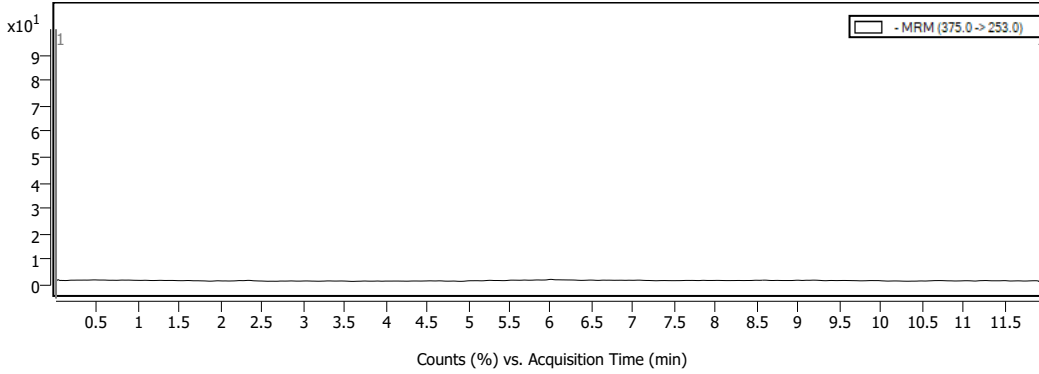


Structure

Cpd. 5: Estradiol-benzoate

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|--------------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-benzoate | | | Not Detected | - | 375.0 | 253.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)

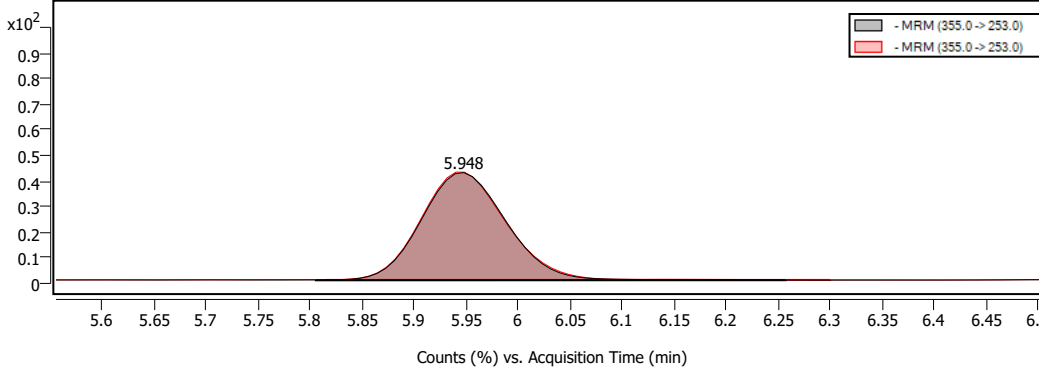


Structure

Cpd. 6: Estradiol-valerate

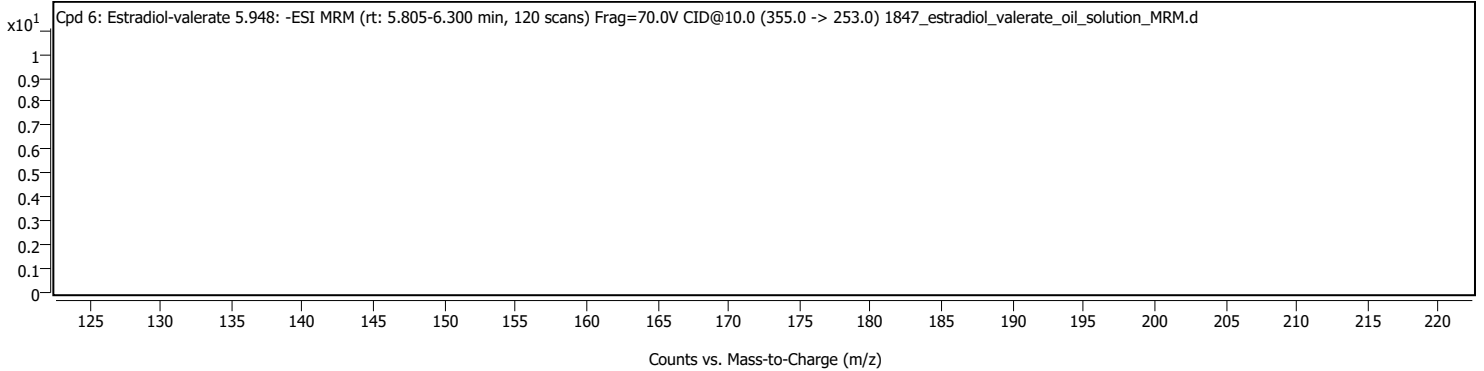
| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|--------------------|---------|------|-------|------|-------|---------------------|-------|----|-----------|
| Estradiol-valerate | | | 5.948 | 270 | 355.0 | 253.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)



Structure

MS/MS Spectra



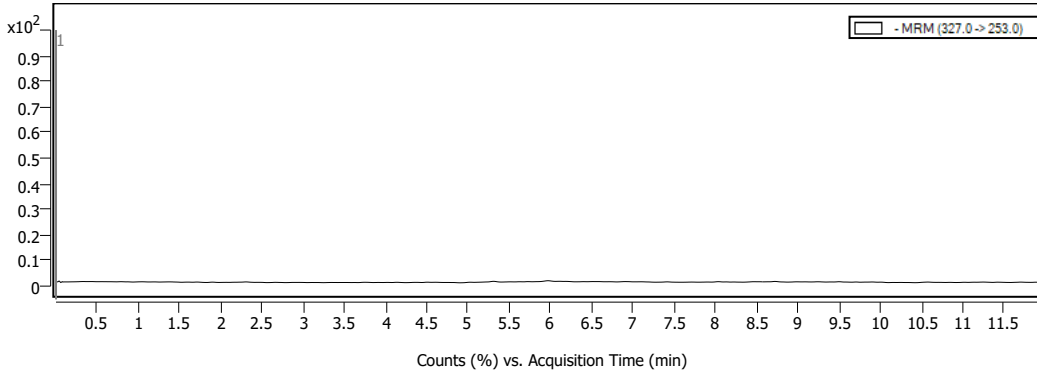
Cpd. 7: Estradiol-17-propionate

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|-------------------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-17-propionate | | | Not Detected | - | 327.0 | 253.0 | 10.00 | | MRM |

Qualitative Analysis Report

Compound Chromatograms (overlaid)

Structure

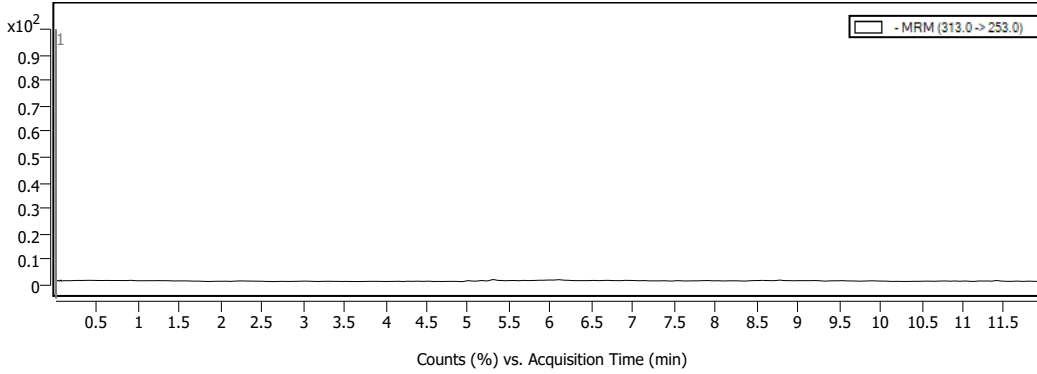


Cpd. 8: Estradiol-acetate-17b

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|-----------------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| Estradiol-acetate-17b | | | Not Detected | - | 313.0 | 253.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)

Structure

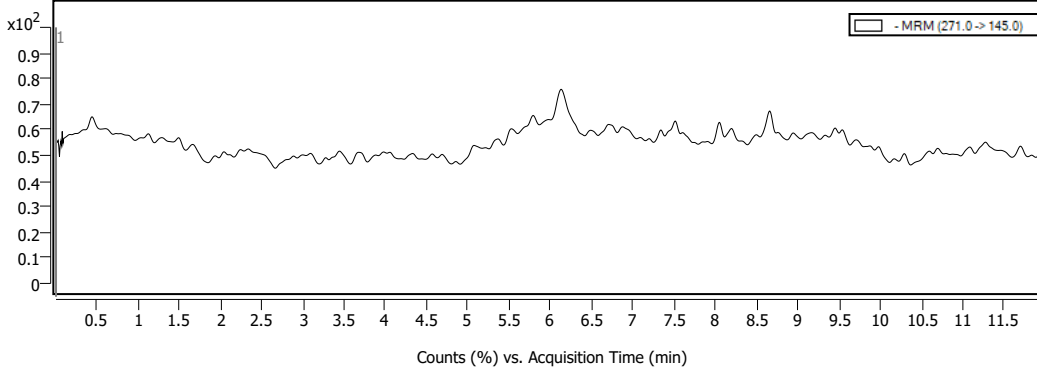


Cpd. 9: 17B-Estradiol

| Name | Formula | Mass | RT | Area | m/z | m/z (primary prod.) | CE | FV | Algorithm |
|---------------|---------|------|--------------|------|-------|---------------------|-------|----|-----------|
| 17B-Estradiol | | | Not Detected | - | 271.0 | 145.0 | 10.00 | | MRM |

Compound Chromatograms (overlaid)

Structure



MassHunter Qual 10.0
(End of Report)